PS2-1:

10	-4	-4	10	-4	10	10	-4	-5	-4	-4
G	-	A	A	T	T	C	A	C	T	T
G	G	-	A	-	T	C	-	G	-	-

PS2-2:

A: Needleman - Wunsch: the matrix includes negative value

B: There is a linear gap penalty of -2

C: J isn't a real amino acid, but can be a symbol for ambigui between I and L. However, J is not in BLOSUM, so I assur these aren't really meant to be genuine amino acid symb

	A	B	C	D	E	F	G	H	I
A							7		
B									
C							7	2	
D							16	9	11
E							16		4
F									9
G		7		7	16	16			
H				2	9				
I				11	4	9			
J			9			6			

Sum

10   **21**

A

A

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ity
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ɔols?

J

9

6